

5. REFERENCES

- Altshuler, S.L., T.D. Arcado, and D.R. Lawson. (1995). Weekend vs. Weekday Ambient Ozone Concentrations: Discussion and Hypotheses with Focus on Northern California. J. Air Waste Manage. Assoc., 45, 967-972.
- Austin, J. and H. Tran (1999). A Characterization of the Weekend-Weekday Behavior of Ambient Ozone Concentrations in California. Technical Support and Planning Division, California Air Resources Board, Sacramento, CA.
- Austin, J. (1999). Diurnal Pattern of Ozone and Precursors in the South Coast, 1994 and 1998. Draft technical report presented by the Technical Support and Planning Division, California Air Resources Board at the June 23, 1999 Public Workshop. Available at the following web site address - <http://www.arb.ca.gov/aqd/weekendeffect/reactivity.pdf>.
- Blier, W., A.M. Winer, D. Hansen and N. Verma (1996). Characterization of Ozone Episodes in the South Coast Air Basin: Effects of air Parcel Residence Time and Weekend/Weekday Differences. Final report prepared by the Department of Atmospheric Sciences and Environmental Science and Engineering, University of California, Los Angeles for the California Air Resources Board, Sacramento CA, under contract No. 93-316.
- Blier, W., A.M. Winer, D. Hansen and R. Chavira (1999). Analysis of Weekday/Weekend Differences in Ambient Air Quality and Meteorology in the South Coast Air Basin. Final report prepared by the Department of Atmospheric Sciences and Environmental Science and Engineering, University of California, Los Angeles for the California Air Resources Board, Sacramento CA, under contract No. 95-334.
- California Air Resources Board (1993). Establishment of Corrections to Reactivity Adjustment Factors for Transitional Low-Emission Vehicles and Low-Emission Vehicles Operating on Phase 2 Reformulated Gasoline. CARB, Research Division, Sacramento, CA. March 1993.
- Censullo, A.C., Jones, D.R., and Wills, M.T. (1996) Improvement of speciation profiles for architectural and industrial maintenance coating operations. Final Report. Prepared for California Air Resources Board, Sacramento, CA, California Polytechnic State University, San Luis Obispo, CA.
- Dreher, D.B. and R.A. Harley (1998). A Fuel-Based Inventory for Heavy-Duty Diesel Truck Emissions. J. Air & Waste Manage. Assoc., 48, 352-358.
- Douglas, S.G., R.C. Kessler, C.A. Emery, and J.L. Burt (1991). "Diagnostic Analysis of Wind Observation Collected During the Southern California Air Quality Study." Final report prepared by Systems Applications International, San Rafael, CA under Contract #A832-133 for the Research Division of the California Air Resources Board, Sacramento, CA.
- Elkus, B. and K.R. Wilson (1977). Photochemical Air Pollution: Weekend-Weekday Differences. *Atmospheric Environment*, 11, 509-515.

- Finlayson-Pitts, B.J., and J.N. Pitts, Jr., *Atmospheric Chemistry: Fundamentals and Experimental Techniques*, John Wiley and Sons, New York, 1986.
- Franzwa M. and R. Pasek (1999). Weekday – Weekend Differences in Hydrocarbon Reactivity. Draft technical report presented by the Research Division, California Air Resources Board, at the June 23, 1999 Public Workshop. Available at the following web site address - <http://www.arb.ca.gov/aqd/weekendeffect/reactivity.pdf>.
- Fujita, E.M., J.G. Watson, J.C. Chow, Lu, Z. (1994). Validation of the chemical mass balance receptor model applied to hydrocarbon source apportionment in the Southern California Air Quality Study. *Environ. Sci. Technol.* 28:1633-49.
- Fujita, E.M., Z. Lu, L. Sheetz, G. Harshfield, and B. Zielinska (1997). Determination of Mobile Source Emission Source Fraction Using Ambient Field Measurements. Final Report prepared for the Coordinating Research Council, Atlanta, GA, July 1997.
- Gertler, A.W., J.C. Sagebiel, D.F. Wittorff, W.R. Pierson, W.A. Dipple, D. Freeman, and L. Sheetz (1997). Vehicle Emissions in Five Urban Tunnels. Final Report prepared for the Coordinating Research Council (CRC Project No. E-5), Atlanta, GA. March 1997.
- Glover E. and D. Brzezinski (1998a) Trip length activity factors for running loss and exhaust running emissions. Draft report prepared for the U.S. Environmental Protection Agency, Assessment and Modeling Division, Ann Arbor, MI, Report Number M6.FLT.005, February
- Glover E. and D. Brzezinski (1998b) Soak length activity factors for hot soak emissions. Draft report prepared for the U.S. Environmental Protection Agency, Assessment and Modeling Division, Ann Arbor, MI, Report Number M6.FLT.004, February.
- Guo, Z., Sparks, L.E., Tichenor, B.A., Chang, J.C.S. (1998). Predicting the emissions of individual VOCs from petroleum-based indoor coatings. *Atmos. Environ.* 32:231-8.
- Hansen, A. D. A. and P. H. McMurry (1990). “An Intercomparison of Measurements of Aerosol Elemental Carbon During the 1986 Carbonaceous Species Method Comparison Study.” *J. Air & Waste Manage. Assoc.* 40, 894-895.
- Hansen, A. D. A. and T. Novakov (1989). “Real Time Measurements of the Size Fractionation of Ambient Black Carbon Aerosols at Elevated Humidities.” *Aerosol Sci. Tech.* 10, 106-110.
- Hansen, A. D. A. and T. Novakov (1990). “Real-Time Measurement of Aerosol Black Carbon During the Carbonaceous Species Methods Comparison Study.” *Aerosol Sci. Tech.* 12, 194-199.
- Hansen, A. D. A., V. N. Kapustin, V. M. Kopeikin, D. A. Gillette, and B. A. Bodhaine (1993). “Optical Absorption by Aerosol Black Carbon and Dust in a Desert Region of Central *Atmos. Environ.* 27A, 2527-2531.

- Harley, R.A., M.P. Hannigan, and G.R. Cass (1992). Respeciation of organic gas emissions and the detection of excess unburned gasoline in the atmosphere. *Environ. Sci. Technol.* 26:2395-408.
- Horie, Y., J. Cassmassi, L. Lai, and L. Gurtowski. (1979). Weekend/Weekday Differences in Oxidants and Their Precursors. Report prepared by Technology Services Corporation for the U. S. Environmental Protection Agency under Contract No. 68-02-2595.
- Hsiao K. (1999) Personal communication. South Coast Air Quality Management District, Los Angeles, CA, June. Referenced in Roberts et al., 2000.
- Kitto, A.M., Pirbazari, M., Badriyha, B.N., Ravindran, V., Tyner, R., Synolakis, C.E. (1997). Emissions of volatile and semi-volatile organic compounds and particulate matter from hot asphalts. *Environmental Technology* 18:121-38.
- Levitt, S.B., and D.P. Chock (1976). Weekend-Weekday Pollutant Studies of the Los Angeles Basin. *J. Air Poll. Control Assoc.*, 26, 1091-1092.
- Mayrsohn, H. and J.H. Crabtree (1976). Source reconciliation of atmospheric hydrocarbons. *Atmos. Environ.* 10:137-43.
- Mayrsohn, H., J.H. Crabtree, M. Kuramoto, R.D. Sothern, S.H. Mano (1977). Source reconciliation of atmospheric hydrocarbons 1974. *Atmos. Environ.* 11:189-92.
- Magbuhat S. and J.R. Long (1996) Improving California's motor vehicle emissions inventory activity estimates through the use of data logger-equipped vehicles. In Proceedings of the Sixth CRC On-Road Vehicle Emissions Workshop, San Diego, CA, March 18-20. Coordinating Research Council, Atlanta, GA.
- National Research Council (1991). *Rethinking the Ozone Problem in Urban and Regional Air Pollution*. National Academy Press, Washington, DC.
- Parungo, F., C. Nagamoto, M.-Y. Zhou, A. D. A. Hansen, and J. Harris (1994). "Aeolian Transport of Aerosol Black Carbon from China to the Ocean." *Atmos. Environ.* 28, 3251-3260.
- Pirogov, S. M., A. A. Korneyev, and A. D. A. Hansen (1994). "Absorbing Aerosol of the Pacific Equatorial Zone as Measured in the SAGA 3 Experiment." *Phys. Atmos. Ocean* 29, 633-635.
- Roberts P.T., T.H. Funk, C.P. McDonald, H.H. Main, and L.R. Chinkin (2000). Weekend/Weekday Ozone Observations in the South Coast Air Basin: Retrospective Analysis of Ambient and Emissions Data and Refinement of Study Hypotheses, Volume III – STI Task 1 and 2. Final report prepared for the National Renewable Energy Laboratory, Contract No. ACI-0-29086-02, Golden, CO.
- Rosen, H., A. D. A. Hansen, and T. Novakov (1984). "Role of Graphitic Carbon Particles in Radiative Transfer in the Arctic Haze." *Sci. Total Environ.* 36, 103-110.

- Sagebiel, J.C., B. Zielinska, W.R. Pierson, A.W. Gertler (1996). Real-world emissions and calculated reactivities of organic species from motor vehicles. *Atmos. Environ.*, 30:2287-96.
- Science Applications International Corporation (1997). PAMS Data Analysis: An Investigation of Local Meteorological Effects on Ozone During the OTAG 1995 Episode and the Weekday/Weekend Differences in the Northeast Corridor. EPA Contract No. 68-D3-0030, Work Assignment No. III-105.
- Seinfeld, J. H., *Atmospheric Chemistry and Physics of Air Pollution*, John Wiley, New York, 1986.
- Stockwell, W.R., P. Middleton, J.S. Chang and X. Tang, (1990). The Second Generation Regional Acid Deposition Model Chemical Mechanism for Regional Air Quality Modeling, *J. Geophys. Res.*, 95, 16343-16367.
- Walker, J.S. (1993). Tropospheric Ozone Concentration Trends by Day of the Week. Paper FM2-III6 presented at the International Conference and Course: Regional Photochemical Measurement & Modeling Studies, San Diego, CA November 8-12, 1993.
- Zeldin, M.D., Y. Horie, and V.A. Mirabella (1989). An Analysis of Weekend/Weekday Differences in the South Coast Air Basin of California. Paper number 89-125.6 presented at the 82nd Annual Meeting of the air & Waste Management Association.
- Zielinska, B., J. Sagebiel, G. Harshfield, and E. Fujita (1999). Air Monitoring Program for Determination of the Impacts of the Introduction of California's Phase 2 Reformulated Gasoline on Ambient Air Quality in the South Coast Air Basin. Prepared for the California Air Resources Board, Sacramento, CA, February, 1999.